

Medical Genetics Quality Dashboard 2015/16

Measure Number	Domain	Theme	Description & Provenance	Name of IPI	Numerator	Denominator	Period Type	Frequency	Data Source Numerator	Data Source Denominator	Data presentation	Target	Interpretation Guidance	Construction	Data Quality Concerns	Error Measurement	Note_1	Note_2
12101a	Domain 3: Helping people to recover from episodes of ill health or following injury	Clinical Process	Multi-Disciplinary Clinics (MDC) - with patients in attendance - clinical genetics clinics	Proportion of clinical genetic clinics that are part of a MDC (not MDT)	Number of clinical genetic clinics that are part of a MDC (not MDT)	Total number of genetic clinics	Quarterly	Quarterly	Hospital activity data				Neutral	Numerator / denominator x 100			It is good practice to have MDC for some conditions that affect multiple body systems where a patient otherwise would need to have appointments to see different specialist clinicians. Agree that we need to establish baselines to determine a measurement range that would indicate that services are performing well against this indicator.	Only include clinics led, organised and commissioned by the commissioners of clinical genetics (do not include clinics organised by other specialists but attended by staff from clinical genetics). This will include NSCAG clinics.
12101b	Domain 3: Helping people to recover from episodes of ill health or following injury	Clinical Process	Multi-Disciplinary Clinics (MDC) - with patients in attendance where clinic has been organised by other specialists but attended by staff from Clinical Genetics	Rate of attendees by clinical genetics to clinics organised by other specialists	Number of clinics organised by other specialists but attended by staff from clinical genetics	Number of WTE clinical geneticists and genetic counsellors (including trainees)	Quarterly	Quarterly	Hospital activity data				Neutral	Numerator / denominator x 100			include clinics organised by other specialists but attended by staff from clinical genetics.	
12101c	Domain 3: Helping people to recover from episodes of ill health or following injury	Clinical Process	Clinical audits	Proportion of clinical audits completed and action plans put in place (the number and type of audits need to be agreed)	Number of clinical audits completed and action plans put in place (from the agreed list of audits)	Number of clinical audits that the clinical genetics department was expected to participate in	Annual (FY)	Annual (FY)	Dependent on specific audits agreed				Higher is better	Numerator / Denominator x 100			The number and type of clinical audits that services are expected to participate in will need to be agreed with the GGS/Lead Clinicians on an annual basis to establish how many audits they are expected to participate in.	For 2013/14 - Beckwith Wiedemann syndrome audit
12101d	Domain 3: Helping people to recover from episodes of ill health or following injury	Clinical Process	Laboratory reporting times	Proportion of Prenatal FCR based tests including rapid aneuploidy by QPCR or FISH completed within 3 working days	Number in denominator completed within 3 working days	Number of Urgent Prenatal Rapid aneuploidy QPCR/FISH tests, Urgent Postnatal Blood Rando aneuploidy tests and Urgent Haematology/Leukaemia Rapid PCR/FISH tests	Quarterly	Quarterly	Laboratory reports				Higher is better	Numerator / Denominator x 100			include all tests in the lab, not just those which are requested by clinical genetics.	
12101e	Domain 3: Helping people to recover from episodes of ill health or following injury	Clinical Process	Laboratory reporting times	Proportion of Urgent Haematology/Leukaemia Rapid PCR/FISH tests completed within 3 working days	Number in denominator completed within 3 working days	Number of Urgent Haematology/Leukaemia Rapid PCR/FISH tests	Quarterly	Quarterly	Laboratory reports				Higher is better	Numerator / Denominator x 100			include all tests in the lab, not just those which are requested by clinical genetics.	
12101f	Domain 3: Helping people to recover from episodes of ill health or following injury	Clinical Process	Laboratory reporting times	Proportion of Urgent Postnatal Blood Karyotype and Urgent aCGH constitutional tests completed within 10 calendar days	Number in denominator completed within 10 calendar days	Number of Urgent Postnatal Blood Karyotype result tests	Quarterly	Quarterly	Laboratory reports				Higher is better	Numerator / Denominator x 100			include all tests in the lab, not just those which are requested by clinical genetics.	
12101g	Domain 3: Helping people to recover from episodes of ill health or following injury	Clinical Process	Laboratory reporting times	Proportion of Urgent Prenatal Karyotype and aCGH constitutional tests completed within 14 calendar days	Number in denominator completed within 14 calendar days	Number of Urgent Prenatal Karyotype result tests and Urgent Haematology/Leukaemia Karyotype result tests	Quarterly	Quarterly	Laboratory reports				Higher is better	Numerator / Denominator x 100			include all tests in the lab, not just those which are requested by clinical genetics.	
12101h	Domain 3: Helping people to recover from episodes of ill health or following injury	Clinical Process	Laboratory reporting times	Proportion of Urgent Molecular Haematology tests & Leukaemia Karyotype result tests completed within 14 calendar days	Number in denominator completed within 14 calendar days	Number of Urgent Molecular Haematology tests & Leukaemia Karyotype result tests	Quarterly	Quarterly	Laboratory reports				Higher is better	Numerator / Denominator x 100			include all tests in the lab, not just those which are requested by clinical genetics.	
12101i	Domain 3: Helping people to recover from episodes of ill health or following injury	Clinical Process	Laboratory reporting times	Proportion of Routine Haematology/Leukaemia tests completed within 21 calendar days	Number in denominator completed within 21 calendar days	Number of Routine Haematology/Leukaemia tests	Quarterly	Quarterly	Laboratory reports				Higher is better	Numerator / Denominator x 100			include all tests in the lab, not just those which are requested by clinical genetics.	
12101j	Domain 3: Helping people to recover from episodes of ill health or following injury	Clinical Process	Laboratory reporting times	Proportion of Routine Postnatal tests including FISH/PCR/Chromosomal microarray with no follow-up MDC. Proportion of parental samples requested after detection of an imbalance in proband completed within 28 calendar days	Number in denominator completed within 28 calendar days	Number of Routine Postnatal Tests and Routine Chromosomal microarray and/or PCR/FISH tests for proband or parental samples requested after detection of an imbalance in proband	Quarterly	Quarterly	Laboratory reports				Higher is better	Numerator / Denominator x 100			include all tests in the lab, not just those which are requested by clinical genetics.	
12101k	Domain 3: Helping people to recover from episodes of ill health or following injury	Clinical Process	Laboratory reporting times	Proportion of routine chromosomal microarray tests that include confirmatory testing for proband and/or parental follow up studies completed within 56 calendar days	Number in denominator completed within 56 calendar days	Number of Routine Chromosomal microarray tests for proband and parents referred together	Quarterly	Quarterly	Laboratory reports				Higher is better	Numerator / Denominator x 100			include all tests in the lab, not just those which are requested by clinical genetics.	
12101l	Domain 3: Helping people to recover from episodes of ill health or following injury	Clinical Process	Laboratory reporting times	Proportion of non-urgent PCR based tests where the familial mutation is known, specific mutation tests, or gene tracking by microsatellite analysis completed within 4 weeks	Number of tests in denominator completed within 4 weeks (20 working days)	Number of non-urgent PCR based tests where the familial mutation is known, specific mutation tests, or gene tracking by microsatellite analysis	Quarterly	Quarterly	Laboratory reports				Higher is better	Numerator / Denominator x 100			Multiple PCR tests to detect known mutations (eg. CTR ARMS PCR or CGA) are included within "specific mutation tests". A separate PCR test (eg. CTR regionally test for a non-p. Ph508del mutation detected by ARMS PCR) would have an additional 2 week reporting time. If samples are pre-screened for p. Ph508del before the multiple PCR test, a single 2-4 week reporting time applies.	include all tests in the lab, not just those which are requested by clinical genetics.
12101m	Domain 3: Helping people to recover from episodes of ill health or following injury	Clinical Process	Laboratory reporting times	Proportion of next generation sequencing panels of 50 genes completed within 16 weeks	Number of tests in denominator completed within 16 weeks (80 working days)	Number of next generation sequencing panels of >10 genes	Quarterly	Quarterly	Laboratory reports				Higher is better	Numerator / Denominator x 100			Temporary category to account for longer reporting times during implementation of new technology.	include all tests in the lab, not just those which are requested by clinical genetics.
12102	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Clinical Process	Educational sessions provided by clinical genetics to other specialists to support genetics in mainstream medicine	Rate of educational sessions provided by clinical genetics to other specialists	Number of educational sessions provided by clinical genetics to other specialists	Number of WTE clinical geneticists and genetic counsellors (including trainees)	Quarterly	Quarterly	Hospital records				There is a need to assess average number of educational sessions in time period that would be expected to occur naturally.	Numerator / Denominator x 100			An educational session is a formal post graduate education session lasting an hour (excludes undergraduate teaching)	
12103	Domain 4: Ensuring that people have a positive experience of care	Clinical Outcome	Poor patient experience	Rate of written complaints about the genetics department	Number of written complaints about the genetics department received during period	Total number of patient contacts (appointments including telephone contacts that replace a face-to-face appointment) in period	Quarterly	Quarterly	Hospital records				Lower is better	Numerator / Denominator x 100				
12103a	Domain 4: Ensuring that people have a positive experience of care	Clinical Outcome	Good patient experience	Has a patient survey been undertaken within the last year?	Yes / No	N/A	Annual (FY)	Annual (FY)	Hospital records				Higher is better	Numerator / Denominator x 100				
12103b	Domain 4: Ensuring that people have a positive experience of care	Clinical Outcome	Good patient experience	Have the results of the annual survey been communicated to commissioners and the CNG?	Yes / No	N/A	Annual (FY)	Annual (FY)	Hospital records				Higher is better	Numerator / Denominator x 100				
12103c	Domain 4: Ensuring that people have a positive experience of care	Clinical Process	Patients waiting necessary for prenatal (PN) genetic test results	Proportion of patients receiving test result within 5 working days after the clinic receives the laboratory report for PN genetic test results	Of all patients seen in clinical genetics who had prenatal diagnosis during the period, the number who received their prenatal genetic test result within 5 working days of the clinic receiving the laboratory report.	Number of patients seen in clinical genetics who had prenatal diagnosis during period	Quarterly	Quarterly	Hospital clinical records				Higher is better	Numerator / Denominator x 100			In clinical genetics lab, patient choice has opted to receive results in the post (in most cases, the results should be communicated back to the family members face-to-face and more likely for PN test results this is done over the phone by a consultant geneticist or genetic counsellor. This is because unlike other biochemical and cytogenetic-based tests, separate test results have to be sent.	
12103d	Domain 4: Ensuring that people have a positive experience of care	Clinical Outcome	Do Not Attempts (DNA) as defined in the Data Dictionary ( <a href="http://www.data.dictonary.nhs.uk/data_dictionary/attributes/n/ndn_attempts_or_dn_attempts">http://www.data.dictonary.nhs.uk/data_dictionary/attributes/n/ndn_attempts_or_dn_attempts</a> )	Rate of appointments that are not attended	Number of DNAs within period	Total number of appointments booked during period within clinical genetics (311 treatment function). This can be taken as the total number recorded on PAS including DNAs	Quarterly	Quarterly	Hospital clinical records				Lower is better	Numerator / Denominator x 100				
12103e	Domain 4: Ensuring that people have a positive experience of care	Clinical Process	Patients counselled without a referral	Rate of patients counselled without a referral	Number of patients counselled without a referral during period	Total number of patients attending appointments during period	Quarterly	Quarterly	Hospital clinical records				Lower is better	Numerator / Denominator x 100				Trends need to be monitored
12103f	Domain 4: Ensuring that people have a positive experience of care	Clinical Process	Patients co-counselled by a genetic counsellor and doctor during period	Rate of patients co-counselled by a genetic counsellor and doctor during period	The number of clinic appointments where a genetic counsellor co-counsels with a doctor (excluding MDC counselling activity)	Total number of clinical genetics appointments of all types during period (appointments including telephone contacts that replace a face-to-face appointment)	Quarterly	Quarterly	Hospital clinical records				Neutral				It is recognised that hospital IT systems may not record counsellor non-consultant	Ideally this would be an average of rates measured per patient but it's recognised that at present it is unlikely that trusts would be able to measure this.
12103g	Domain 4: Ensuring that people have a positive experience of care	Clinical Process	Patients counselled independently by a genetic counsellor	Rate of appointments counselled independently by a genetic counsellor during period	The number of independent genetic counsellor clinic appointments (excluding planned pre-clinic appointments preparing for a doctor's appointment)	Total number of clinical genetics appointments of all types during period (appointments including telephone contacts that replace a face-to-face appointment)	Quarterly	Quarterly	Hospital clinical records				Neutral				It is recognised that hospital IT systems may not record counsellor non-consultant	Ideally this would be an average of rates measured per patient but it's recognised that at present it is unlikely that trusts would be able to measure this.
12103h	Domain 4: Ensuring that people have a positive experience of care	Clinical Process	Patients appointments held in preparation for a doctor's appointment	Rate of genetic counsellor clinic appointments held in preparation for a doctor's appointment	The number of genetic counsellor clinic appointments held in preparation for a subsequent doctor's appointment	Total number of clinical genetics appointments of all types during period (appointments including telephone contacts that replace a face-to-face appointment)	Quarterly	Quarterly	Hospital clinical records				Neutral				It is recognised that hospital IT systems may not record counsellor non-consultant	Ideally this would be an average of rates measured per patient but it's recognised that at present it is unlikely that trusts would be able to measure this.
12103i	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Clinical Outcome	Serious untoward incidents regarding patient care	Number of serious Untoward Incidents involving patient care	Number of serious Untoward Incidents involving patient care	N/A	Quarterly	Quarterly	SUI reporting system				Lower is better					Suggest we review against patient numbers seen / number of lab reports - depending on the incident.
12103j	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Clinical Outcome	Serious untoward incidents regarding lab tests	Rate of serious Untoward Incidents involving lab tests	Number of serious Untoward Incidents involving lab tests	Number of lab tests during period	Quarterly	Quarterly	SUI reporting system				Lower is better					Suggest we review against patient numbers seen / number of lab reports - depending on the incident.
12103k	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Clinical Process	External Quality Assurance	Episodes of poor performance in EQA schemes the laboratory participates in	Episodes of poor performance notified to the laboratory by UKNEQAS, EMQN or another EQA service provider	Number of EQA schemes participated in	Annual (FY)	Annual (FY)	EQA				Lower is better					It is mandatory that all labs participate in at least one EQA scheme. The EQA schemes are test specific by condition and therefore we would expect the specific schemes to vary by lab as different labs across the country provide different tests for different conditions.
12103l	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Clinical Process	Activity audits (laboratory)	Proportion of audits participated in by the genetic laboratory (ACOG activity audits and ACOG workforce audits for both Molecular and Cytogenetics tests). Four audits per year.	Number of audits (from the agreed list of audits) that genetics laboratory participates in	Number of audits that the genetics laboratories should be participating in	Annual (FY)	Annual (FY)	Dependent on specific audits agreed				Higher is better					As per Clinical Molecular Genetics Society/Association for Clinical Cytogenetics and UKGTN audits requested
12103m	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Clinical Process	Non-Adherence to UKGTN Testing Criteria (laboratory) as per UK GTN website.	Proportion of test requests from clinical genetics that did not comply to UKGTN Testing Criteria where TC apply.	Number of tests requested by clinical genetics from specified list that did not comply with UKGTN Testing Criteria	Number of tests requested from specified list	Quarterly	Quarterly	clinical records				Lower is better					All UKGTN Testing Criteria are available from the UKGTN website. The 3 tests for which adherence to UKGTN testing criteria are: 1) Silver Russell Syndrome, 2) Kabuki syndrome, 3) MEN2

Data collection has been approved by the Review of Central Returns - ROCR  
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